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1962 PENNSYLVANIA GEOLOGICAL SURVEY

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# GEOLOGICAL PUBLICATIONS OF PENNSYLVANIA

JAN 4 1963

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF INTERNAL AFFAIRS  
Genevieve Blatt, Secretary

TOPOGRAPHIC AND GEOLOGIC SURVEY  
Arthur A. Socolow, State Geologist

1962

PENNSYLVANIA STATE LIBRARY  
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**PUBLICATIONS**  
**ON THE**  
**GEOLOGY OF PENNSYLVANIA**

ISSUED BY

Pennsylvania Department of Internal Affairs  
Bureau of Topographic and Geologic Survey  
United States Geological Survey  
United States Bureau of Mines

1962

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To find the numbers of the reports covering the topic in which you are interested, refer to the index listing of reports in the front of this pamphlet. Publications are indexed by county or by commodity. Before ordering a publication, refer to the list of publications following the index to find the title, description, and price of the item in which you are interested, and whether or not the publication is in print.

In ordering publications or maps, please follow the instructions on pages 2 and 3 to avoid needless delay in processing your order.

Should you desire additional information, the Topographic and Geologic Survey will be glad to assist you in any manner possible.

Very truly yours,

**Genevieve Blatt**  
Secretary of Internal Affairs

**Arthur A. Socolow**  
State Geologist

## HOW TO OBTAIN TOPOGRAPHIC MAPS OF PENNSYLVANIA

Topographic maps of Pennsylvania are prepared by the United States Geological Survey in cooperation with the Bureau of Topographic and Geologic Survey. Persons wishing to know the names and scales of topographic maps which are available for Pennsylvania may obtain an **Index to Topographic Mapping in Pennsylvania** free on request from either:

Pennsylvania Geological Survey  
Department of Internal Affairs  
Harrisburg, Pa.

or Map Information Service  
U. S. Geological Survey  
Washington 25, D. C.

Topographic maps may be purchased from the U. S. Geological Survey by addressing the request to:

Washington Distribution Center  
Geological Survey  
Silver Spring, Md.

On such orders, customers should state the name of the map as well as the type of map desired and are urged to use order blanks supplied with the Index to Topographic Mapping in Pennsylvania mentioned above. Orders must be accompanied by cash, check, or money order in the exact amount. Stamps will not be accepted as payment.

At slightly higher costs, maps may be purchased across the counter at the agents in Pennsylvania listed below:

ALLENTOWN	MILLHEIM
Nestor Sporting Goods	Mensch's Jewelry and Sporting Goods
BETHLEHEM	MORRIS
H. M. Paul & Son	Cameron's Store
BRADFORD	PHILADELPHIA
Francis J. Talerico	J. L. Smith Co.
HANOVER	PITTSBURGH
J. W. Fischer & Co.	Pen-O-Wes Map Co.
HARRISBURG	J. R. Weldin Co.
Potts Drug Store	READING
HAWLEY	William G. Hintz, Inc.
J. Vance Hunt & Son	SAINT MARYS
HAZLETON	Smith Sport Store
Deemer & Co.	SAYLORSBURG
JACOBUS	Pocono Blueprint Service
Straley's	SCRANTON
JOHNSTOWN	Deemer & Co.
Sterling Office & School Supply	WILKES-BARRE
LANCASTER	Deemer & Co.
L. B. Herr & Son	WILLIAMSPORT
LEWISTOWN	Plankenhorn Stationary Co.
Aurand's	YORK
MEADVILLE	Thompson's Books and Stationary
Hunter's News	
MILFORD	
Sportsmen's Rendezvous	

**IMPORTANT! READ INSTRUCTIONS BELOW BEFORE ORDERING**

## **HOW TO ORDER PUBLICATIONS**

### **PENNSYLVANIA GEOLOGICAL SURVEY**

Publications of the Pennsylvania Geological Survey are obtained from two places: If the publication is **free**, write to:

Pennsylvania Geological Survey  
Department of Internal Affairs  
Harrisburg, Pa.

If there is a **charge** for the publication, it can be obtained **only** from:

Division of Documents  
Bureau of Publications  
10th and Market Streets  
Harrisburg, Pa.

Enclose the cost of the publication with the order **plus 4% State sales tax if the publication is to be mailed to a Pennsylvania address**. The sales tax is computed as follows: Less than 10c, no tax; 11c to 25c, 1c; 26c to 50c, 2c; 51c to 75c, 3c; 76c to 1.00, 4c. For tax over \$1.00 add 4c for each dollar plus an amount as indicated from the preceding schedule for portions over an even dollar.

Send cash, money order, or check payable to the **Commonwealth of Pennsylvania**. Stamps will not be accepted as payment.

### **U. S. GEOLOGICAL SURVEY and U. S. BUREAU OF MINES**

Requests should be sent to the addresses below with payment in the form of cash, check, or money order. Order as follows:

**Folios, maps, and charts at the indicated cost from**

U. S. Geological Survey  
Washington 25, D. C.

**Reports of Investigations free from**

U. S. Bureau of Mines  
4800 Forbes Street  
Pittsburgh, Pa.

**All other reports at the indicated cost from**

Superintendent of Documents  
U. S. Government Printing Office  
Washington 25, D. C.

**IMPORTANT! READ INSTRUCTIONS ABOVE BEFORE ORDERING**

## THE GEOLOGICAL SURVEYS OF PENNSYLVANIA

There have been four geological surveys of Pennsylvania and four resulting series of publications:

First Survey, 1836-1854: Publications—6 annual reports, 2 quarto-volumes, and a state geologic map.

Second Survey, 1874-1887: Publications—81 volumes, 35 atlases, and a grand atlas.

Third (Commission) Survey, 1899-1919: Publications—6 biennial reports and 12 economic reports listed in this pamphlet.

Fourth Survey, 1919—: Publications listed in this pamphlet (fourth series).

All reports of the first three geological surveys and some of the reports of the present (fourth) survey are out-of-print. These reports are available for consultation in many libraries.

### SOURCES OF OUT-OF-PRINT REPORTS

The library of the Pennsylvania Geological Survey in Harrisburg is open for public use and contains all previous Pennsylvania Survey reports, as well as most of the U. S. Geological Survey, U. S. Bureau of Mines, and other governmental and institutional reports.

Many reports appearing in this list of publications are marked with an asterisk (\*) indicating that they are out-of-print and no longer available for distribution. Out-of-print reports are available for study in many libraries throughout the state, particularly those in larger cities and at colleges.

For the convenience of persons wishing to obtain copies of out-of-print reports of the Pennsylvania Geological Survey and the U. S. Geological Survey, listed below are a number of book dealers known to stock such reports.

Boston, Mass.	J. S. Cannon & Co.	909 Boylston St.
Cincinnati, Ohio	Ohio Book Store	544 Main St.
Los Angeles 37, Cal.	John Q. Burch	1584 Vernon Av.
New York 3, N. Y.	Henry George Fiedler	31 E. 10th St.
	Stechert-Hafner, Inc.	31 E. 10th St.
	Henry Tripp	31 E. 10th St.
New York 25, N. Y.	William Trussell	Box 13, Cathedral Station
Philadelphia 7, Pa.	Leary, Stuart Co.	9 S. 9th St.
Philadelphia 6, Pa.	G. H. Arrow	218 S. 4th St.
Schenectady, N. Y.	James C. Howgate	128 S. Church St.
Washington, D. C.	W. H. Loudermilk	1418 F St. NW
Seattle 4, Wash.	Shorey Book Store	813 Third St.

# INDEX TO PUBLICATIONS ON PENNSYLVANIA

This Index is designed to help you find the publications in which you are interested. When you have found the numbers of the publications, refer these numbers to the actual list of publications to find the title of the publication. The title will help you decide if the publication will contain the specific type of information you desire. DO NOT ORDER publications from this Index, but order from the List by both number and title.

Much additional information on Pennsylvania Geology is available in publications not covered by this list. The reader is referred to Pa. Geological Survey Bulletin G-34 for a complete list of all articles on Pennsylvania Geology written before 1949.

## Abbreviations used in this Key are as follows:

Pennsylvania 3rd (Commission) Survey—Pa. Geol. Survey (3rd)  
Pennsylvania Geological Survey, 4th series—Pa. Geol. Survey (4th)

A—Atlas Series  
C—County Reports  
IC—Information Circular  
ES—Educational Series  
G—General Geology Reports  
M—Mineral Resource Reports  
PR—Progress Reports  
SB—Special Bulletins  
W—Water Resource Reports  
WSR—Well Sample Records

United States Geological Survey—U. S. Geol. Survey

B—Bulletins  
Cir—Circular  
CI—Coal Investigations  
F—Folios  
GP—Geophysical Investigations  
GQ—Geologic Quadrangle Maps  
PP—Professional Paper  
WS—Water Supply Papers

United States Bureau of Mines—U. S. Bur. Mines

B—Bulletin  
RI—Report of Investigations  
TP—Technical Paper

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